BIRD STUDY

Contents of volume 30, 1983

Number 1 *Page*

Multi-brooding and mate infidelity in the Sand Martin. By E. Cowley... 1
The changing status of the Kittiwake *Rissa tridactyla* in the British Isles, 1969-1979. By J. C. Coulson 9
The effects of culling on the Abbeystead and Mallowdale gullery. By S. Wanless and D. R. Langslow 17
Arctic Skuas in Caithness, 1979 and 1980. By T. M. Reed, D. R. Langlow and F. L. Symonds 24
The influence of Dutch elm disease on bird population trends. By Patrick Osborne... 27
Factors influencing timing of autumn dispersal or migration in first-year Dunnocks and Whitethroats. By Michael Boddy 39
The diet of nestling Stonechats. By P. W. Greig-Smith and D. L. J. Quicke ... 47
Territorial song of the Dunnock *Prunella modularis*. By David W. Snow and Barbara K. Snow 51
Assessing changes in the numbers of Guillemots *Uria aalge*. By M. P. Harris, S. Wanless and P. Rothery... 57
Feeding habitats of the Chough on Bardsey Island (Gwynedd). By Peter Roberts... 67
Why do Herring Gull chicks vocalise in the shell? By R. K. Templeton 73
Reviews 75

Number 2 *Page*

Fifty years on. Foreword by S. M. Taylor... 79
The diet of the Peregrine *Falco peregrinus* in south Scotland during the breeding season. By Richard Mearns 81
Survey of the Peregrine *Falco peregrinus* population in the Republic of Ireland in 1981. By D. W. Norriss and H. J. Wilson 91
Seasonal variation in the numbers and condition of Gannets *Sula bassana* dying on Ailsa Craig, Scotland. By S. Wanless 102
The diet and feeding ecology of breeding Kittiwakes *Rissa tridactyla*. By Hector Galbraith 109
Population changes for waterways birds, 1981-1982. By Kenneth Taylor and John Marchant 121
Bird population changes for the years 1981-1982. By John Marchant... 127
Breeding habitat selection in the Swallow *Hirundo rustica*. By Anders Pape Møller... 134
Recent declines of Grasshopper Warblers *Locustella naevia* at British bird observatories. By N. Riddiford 143

The effects of methods on estimates of primary moult duration in the Redshank *Tringa totanus*. By R. W. Summers, R. L. Swann and M. Nicoll 149
Weight variation of Dunlins *Calidris alpina* during post-nuptial moult, after application of weight data transformations. By A. A. Goede and E. Nieboer 157
Reviews 164

Number 3 *Page*

Nightjars in Britain and Ireland in 1981. By F. C. Gribble 165
The status and distribution of waders breeding on wet lowland grasslands in England and Wales. By K. W. Smith 177
Breeding failure and decline of Merlins on a north Wales moor. By J. L. Roberts and D. Green 193
Seasonal variation, and associated energetic implications, in the hunting behaviour of the Kestrel. By Richard A. Pettifor 201
Movements from and age of return to an expanding Scottish Guillemot colony. By R. L. Swann and A. D. K. Ramsay 207
Diurnal variation in the numbers of birds feeding at a sewage works in summer. By J. C. Crebbin 215
The distribution and reproduction of Ringed Plovers breeding coastally and inland in north-west England. By Kevin Briggs 222
Weight gains and resumption of passage by Willow Warblers on spring migration. By Nick Riddiford and Roger C. Auger 229
Factors influencing nest-site selection in House Martins. By C. Bell 233
Further observations on nest architecture of the House Martin. By D. A. C. McNeil and F. Clark 238
Seasonal variation in the infestation of Blackbirds by fleas. By J. A. Fowler, Sharon Cohen and M. T. Greenwood 240
Breeding Peregrines oiled by Fulmars. By R. Mearns 243
Diurnal variability in the detection of Dunlin. By T. M. Reed, J. C. Barrett, C. Barrett and D. R. Langslow 244
Reviews 247